

## Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

### ***Counties with Published Soil Surveys***

Technical soil descriptions are located in the county soil survey descriptive legend.

### ***Counties without Published Soil Surveys***

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

*This section includes:*

- **(a) Classification of the soils**

Iron County, Missouri  
Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Auxvasse-----	Fine, montmorillonitic, mesic Aeric Albaqualfs
Bloomsdale-----	Loamy-skeletal, mixed, superactive, mesic Typic Hapludalfts
Clarksville-----	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults
Courtois-----	Fine, mixed, active, mesic Typic Paleudalfts
Crider-----	Fine-silty, mixed, active, mesic Typic Paleudalfts
Dameron-----	Fine-loamy, mixed, mesic Cumulic Hapludolls
Delassus-----	Fine-loamy, mixed, mesic Typic Fragiudults
Fourche-----	Fine-silty, mixed, active, mesic Glossaquic Paleudalfts
Gasconade-----	Clayey-skeletal, mixed, superactive, mesic Lithic Hapludolls
Gatewood-----	Very-fine, mixed, active, mesic Oxyaquic Hapludalfts
Goss-----	Clayey-skeletal, mixed, active, mesic Typic Paleudalfts
Irondale-----	Loamy-skeletal, mixed, active, mesic Typic Hapludults
Killarney-----	Loamy-skeletal, mixed, mesic Typic Fragiudults
Knobtop-----	Fine-silty, mixed, mesic Aquic Hapludults
Lamotte-----	Fine-loamy, mixed, mesic Ultic Hapludalfts
Lebanon-----	Fine, mixed, mesic Typic Fragiudalfts
Loughboro-----	Fine, montmorillonitic, mesic Aeric Glossaqualfs
Lowell-----	Fine, mixed, mesic Typic Hapludalfts
Midco-----	Loamy-skeletal, siliceous, nonacid, mesic Typic Udifluvents
Secesh-----	Fine-loamy, siliceous, mesic Ultic Hapludalfts
Syenite-----	Fine-loamy, mixed, active, mesic Typic Hapludults
Taumsauk-----	Loamy-skeletal, mixed, mesic Lithic Hapludults
Udipsamments-----	Udipsamments
Viburnum-----	Clayey, mixed, mesic Aquic Paleudults
Viraton-----	Fine-loamy, siliceous, mesic Oxyaquic Fragiudalfts
Wakeland-----	Coarse-silty, mixed, nonacid, mesic Aeric Fluvaquents
Wilderness-----	Loamy-skeletal, siliceous, mesic Oxyaquic Fragiudalfts